

Converting Colors

Android(4278223006)

Have a look what the booklet for
Android(4278223006) contains.

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Color

Android(4278223006)

Conversions

Conversions Part 1

Format	Color
Hex	00809E
RGB	0, 128, 158
RGB Percent	0%, 50%, 62%
CMY	1.0000, 0.4980, 0.3804
CMYK	1.00, 0.19, 0.00, 0.38
HSL	191°, 100%, 31%
HSV	191°, 100%, 62%
XYZ	13.8907, 17.9070, 35.0720
YIQ	93.1480, -85.9180, -17.8060

Conversions

Conversions Part 2

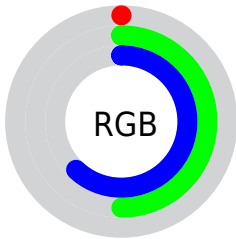
Format	Color
RYB	0, 71, 158
Decimal	32926
CIELab	49.38, -18.45, -24.37
CIELCh	49, 30.567, 232.863
Yxy	17.9070, 0.2077, 0.2678
Android (android.graphics.Color)	4278223006 (0xFF00809E)
YUV	93.1480, 31.9720, -81.6908
Hunter-Lab	42.3166, -15.4602, -19.5179

Details

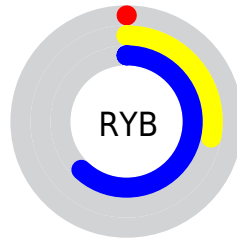
The Android color `4278223006` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4288552448`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4284003797`, and `4278210411` is the 20% darker color. If you saturate the color by 10%, you get `4278223006`, and if you desaturate by 10%, it is `4279272350`.

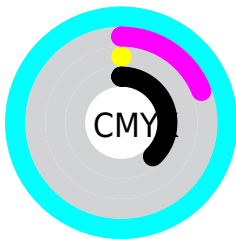
Distribution



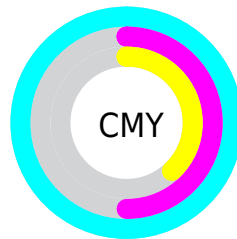
- Red (0%)
- Green (50%)
- Blue (62%)



- Red (0%)
- Yellow (28%)
- Blue (62%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278223006 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4278223006 by changing the saturation by 10% instead.

 4278223006

 4278223006

4294967295

 4278216580

 4284003797

 4278210411

 4285977073


 4278204498

 4287884799

 4278198843

 4289855487

 4278190630

 4291756031

 4278190350


 4293722111

 4278190080

 4278223006

 4279272350

 4280321694

 4281305502

 4282354846

 4283404190

 4284453534

 4285502878

 4286486686

 4287536030

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278223753



4278223006



4282612392

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278223006



4288897405



4285692485

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4278223006



4288552448

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4287394370



4278223006



4289225315

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4278223006



4287654037



4288637261



4283727957

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4278223006



4284576936



4288637261



4286281538

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4278223006



4287742927



4278230557



4282605929



4293454056



4285098345

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278223006



4278233039



4278203038



4282863183



4278219919



4278193167

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4288544896



4291756199



4288572416



4283385678



4287561844



4279173132

Previews

White Background



This preview shows how the Android color 4278223006 looks on a white background.

Color Contrast Check

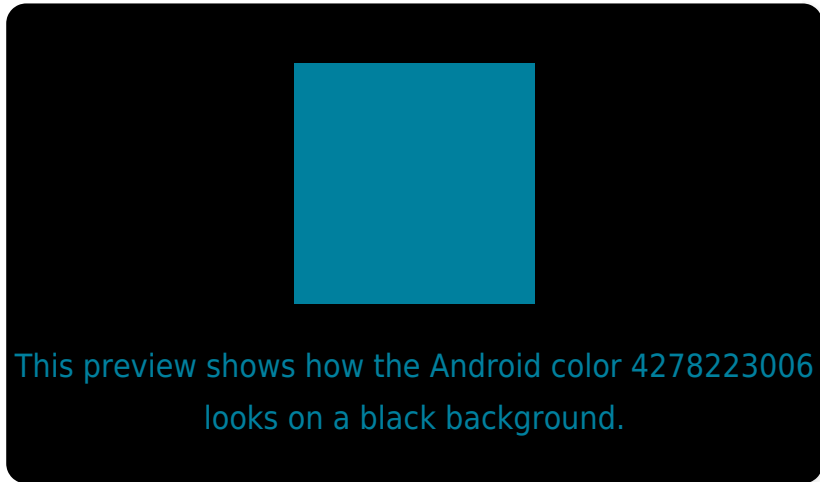
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

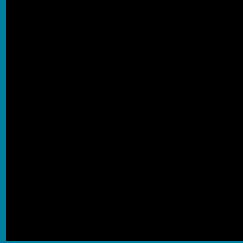
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278223006 Background



This preview shows how black text looks on a background with the Android color 4278223006.



This preview shows how white text looks on a background with the Android color 4278223006.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
4278223006

Protanomaly
4282742936

Deuteranomaly
4282546336

Tritanomaly
4278223251

Monochromacy



Original Color
4278223006

Achromatopsia
4284308829

Achromatomaly
4282083957

CSS Examples

Text

The CSS property to change the color of the text to Android 4278223006 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 128, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 128, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 128, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 158) }
```

Border

The CSS property to change the border of an element to Android 4278223006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 128, 158) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 128, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 128, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 128,  
158) }
```

Background

The CSS property to change the background color of an element to Android 4278223006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 128,  
158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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